

UNCLASSIFIED

**NATIONAL IMAGERY TRANSMISSION FORMAT STANDARD (NITFS)  
REQUEST FOR CHANGE (RFC)**

RFC CONTROL NUMBER **96-017A**  
(To be filled in by NTB Secretary)

DATE SUBMITTED ~~05/14/96~~ 10/30/96 DATE RECEIVED

ORIGINATOR Joint Interoperability Test Command  
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ORGANIZATION TYPE Government (DoD)

PRIORITY routine

FUNCTION Certification Test Criteria

DOCUMENT NUMBER- JIEO CIRCULAR 9008/30 Jun 1993

PAGE 1-9, 5-7

DOCUMENT- NITFS CERTIFICATION TEST & EVALUATION PROGRAM PLAN

PARAGRAPH 1-8.A2, 5-4 O.

PROBLEM DESCRIPTION

This RFC provides recommended updates to JIEO Circular 9008 to reflect NITFS certification test criteria/requirements for the interpretation and generation of NITF 1.1 files.

RECOMMENDED WORDING

SEE ATTACHMENT FOR PROPOSED CHANGES.

RATIONALE

The 2 year transition period from NITF 1.1 to NITF 2.0 has now been exceeded.

REMARKS

An errata sheet will be inserted into the 30 Jun 93 document. The change will then be incorporated into the next revision of the document.

TOTAL COST OF IMPLEMENTATION  
None

PROPOSED TIME FRAME OF IMPLEMENTATION  
Immediately

ANTICIPATED USER IMPACT  
To be determined

NTB REVIEW DATE  
SUBSTANTIVE ISSUES

NTB RECOMMENDATION

DATE SUBMITTED TO NTB  
NTB REVIEW DATE

NTB CHAIRMAN SIGNATURE

NTB DECISION

IMPLEMENTATION DATE

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**REQUEST FOR CHANGE TO JIEO CIRCULAR 9008**

**RE: Proposed changes to JIEO Circular 9008 modify requirements for NITF 1.1 compatibility.**

**1. Paragraph I-8.A2, NITF Version 2.0:**

All NITFS imagery systems were to be NITF 2.0 compliant within two years of the January 1994 start date for the NITFS CTE program. To support interoperability during the two year transition, all NITF 2.0 compliant systems were required to allow for the proper interpretation and use of NITF Version 1.1 formatted files and the creation of NITF Version 1.1 compatible files. The requirement for NITF 2.0 systems to create NITF 1.1 files is now optional. However, due to the extensive existence of NITF 1.1 files, NITF 2.0 systems must continue to properly interpret NITF 1.1 files.

**2. Paragraph 5-4 O. NITF Version 1.1:**

All NITF 2.0 unpack capable systems must be able to unpack any NITF version 1.1 minimum compliant file (no waivers) as defined in the NITF version 1.1 Volume I, NITF Certification Plan Policy, January 2, 1990, and Volume II, NITF Certification Plan Processes and Procedures. All pack capable systems may optionally support the capability to pack NITF files within the minimum constraints of NITF Version 1.1, but do not necessarily need to implement the waivable functions under the NITF 1.1 certification program (e.g., symbol, labels, text, display/attachment levels, and imagery less than 8 bits-per-pixel). Table 5-2 lists the basic NITF 1.1 message processing functions for receive (unpack) capable systems. Table 5-3 lists the functions for a transmit (pack) capable system. See Appendix I, Message Constraints for Minimum NITF 1.1 Compliance.